
SECTION 1

PRODUCT IDENTIFIER HD 0427 ICI COLORANT - HD MAGENTA (V)
DATE OF PREPARATION JUNE 28, 2002
PRODUCT USE PROTECTIVE COATING

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

	INGREDIENT	WT. %:
CHEMICAL NAME	ETHANOL, 2,2',2"-NITRILOTRIS-	1-5
COMMON NAME :	TRIETHANOLAMINE	
CAS NUMBER:	102-71-6	
CHEMICAL NAME	1,2-ETHANEDIOL	20-30
COMMON NAME :	ETHYLENE GLYCOL	
CAS NUMBER:	107-21-1	
CHEMICAL NAME	ETHANOL, 2,2'-IMINOBIS	.1-1.0
COMMON NAME :	DIETHANOLAMINE	
CAS NUMBER:	111-42-2	
CHEMICAL NAME	POLY(OXY-1,2-ETHANEDIYL, ALPHA-4-NONYLPHENYL) -	5-10
	OMEGA-HYDROXY-, BRANCHED	
COMMON NAME :	GLYCOL ETHER	
CAS NUMBER:	127087-87-0	
CHEMICAL NAME	KAOLIN	10-20
COMMON NAME :	CLAY	
CAS NUMBER:	1332-58-7	
CHEMICAL NAME	TALC	1-5

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME : TALC
CAS NUMBER: 14807-96-6

CHEMICAL NAME ALUMINUM HYDROXIDE 1-5
COMMON NAME : ALUMINUM HYDROXIDE
CAS NUMBER: 21645-51-2

CHEMICAL NAME 1,2,3-PROPANETRIOL 1-5
COMMON NAME : GLYCERINE
CAS NUMBER: 56-81-5

CHEMICAL NAME BENZOIC ACID, 4-((2,5-DICHLOROPHENYL)AMINO)
CARBONYL)-2-((2-HYDROXY-3-((2-METHOXYPHENYL)AMINO)
CARBONYL)-1-NAPHTHALENYL)AZO)-, METHYL ESTER 1-5
COMMON NAME : MONOAZO RED
CAS NUMBER: 61847-48-1

CHEMICAL NAME WATER 20-30
COMMON NAME : WATER
CAS NUMBER: 7732-18-5

CHEMICAL NAME LECITHINS 1-5
COMMON NAME : LECITHIN
CAS NUMBER: 8002-43-5

CHEMICAL NAME QUINO(2,3-B)ACRIDINE-7,14-DIONE, 5,12-DIHYDRO-2,9-
DIMETHYL- 5-10
COMMON NAME : QUINACRIDONE RED
CAS NUMBER: 980-26-7

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE
INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE

SECTION 3: HAZARDS IDENTIFICATION

INHALATION PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE, COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, DIFFICULTY OF BREATHING, KIDNEY DAMAGE.

SKIN CONTACT IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING, BLISTERING, SEVERE SKIN IRRITATION. POSSIBLE SENSITIZATION TO SKIN.

EYE CONTACT IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS, TEARING OF EYES, REDNESS OF EYES, SEVERE EYE IRRITATION.

INGESTION INGESTION MAY CAUSE MUCOUS MEMBRANE IRRITATION, DIZZINESS AND/OR LIGHTEADEDNESS, HEADACHE, NAUSEA, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, SEVERE ABDOMINAL PAIN, APATHY, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, BLOOD ABNORMALITIES, BURNS OF THE MOUTH, THROAT, STOMACH, KIDNEY DAMAGE, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS, ACUTE POISONING, RESPIRATORY FAILURE, CARDIAC FAILURE, BRAIN DAMAGE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
EYE, SKIN, RESPIRATORY DISORDERS
LUNG DISORDERS
KIDNEY DISORDERS
LIVER DISORDERS

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED BREATHING.
GET EMERGENCY MEDICAL ATTENTION.
HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL HELP FOR ANY BREATHING DIFFICULTY.

SECTION 4: FIRST-AID MEASURES

SKIN CONTACT WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS, GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE CONTAMINATED CLOTHING.
WASH CONTAMINATED CLOTHING BEFORE RE-USE.

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA)	NONE	LOWER EXPLOSIVE LIMIT	NOT AVAILABLE
		UPPER EXPLOSIVE LIMIT	10.0 (%)

FIRE EXTINGUISHING MEDIA
DRY CHEMICAL OR FOAM
WATER FOG.
CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR FIRE.
MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.

FIRE FIGHTING PROCEDURES
WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.
FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.
SELF-CONTAINED BREATHING APPARATUS RECOMMENDED.

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS
CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, ACRID FUMES, PHOSPHOROUS, TOXIC GASES.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS.

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.

COMPLETE PERSONAL PROTECTIVE EQUIPMENT MUST BE USED DURING CLEANUP.

LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL AND RINSE WATER OUT OF SEWERS AND WATER COURSES. SMALL SPILLS - USE ABSORBENT TO PICK UP RESIDUE AND DISPOSE OF PROPERLY.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE

STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING.

OTHER PRECAUTIONS USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING. KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : TRIETHANOLAMINE
CAS NUMBER: 102-71-6
ACGIH (TWA) : 5 MG/M3

COMMON NAME : ETHYLENE GLYCOL
CAS NUMBER: 107-21-1
ACGIH (STEL) : C 100 MG/M3

COMMON NAME : DIETHANOLAMINE

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS NUMBER: 111-42-2
ACGIH (TWA): SKIN 2 MG/M3

COMMON NAME: CLAY
CAS NUMBER: 1332-58-7
ACGIH (TWA): 2 MG/M3 OSHA (TWA): 5 MG/M3

COMMON NAME: TALC
CAS NUMBER: 14807-96-6
ACGIH (TWA): 2 MG/M3

COMMON NAME: ALUMINUM HYDROXIDE
CAS NUMBER: 21645-51-2
ACGIH (TWA): 10 MG/M3 OSHA (TWA): 5 MG/M3

COMMON NAME: GLYCERINE
CAS NUMBER: 56-81-5
ACGIH (TWA): 10 MG/M3 OSHA (TWA): 5 MG/M3

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT BUILD-UP OF VAPORS.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES. IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NOT AVAILABLE	SPECIFIC GRAVITY:	1.245
BOILING RANGE:	212-680F/ -360C	WEIGHT PER GALLON:	10.37/ 12.45IMP
%VOLATILE BY VOLUME:	64.42		
PHYSICAL STATE:	LIQUID	APPEARANCE	PURPLE
SOLUBILITY IN WATER:	NOT AVAILABLE	PH:	NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS, ACIDS, COPPER.
STYRENE MONOMER

CONDITIONS TO AVOID

ELEVATED TEMPERATURES, CONTACT WITH OXIDIZING AGENT,
FREEZING, OPEN FLAME.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : TRIETHANOLAMINE

CAS NUMBER: 102-71-6

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 8.00 GM/KG ORL RAT

LD50: 1450.00 MG/KG IPR MOU

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 107-21-1

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 4700.00 MG/KG ORL RAT

LD50: 5500.00 MG/KG ORL MOU

COMMON NAME : DIETHANOLAMINE

CAS NUMBER: 111-42-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

SECTION 11: TOXICOLOGICAL INFORMATION

LD50: 12.20 GM/KG SKN RBT
LD50: 710.00 MG/KG ORL RAT

COMMON NAME : GLYCOL ETHER

CAS NUMBER: 127087-87-0

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : CLAY

CAS NUMBER: 1332-58-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : TALC

CAS NUMBER: 14807-96-6

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : ALUMINUM HYDROXIDE

CAS NUMBER: 21645-51-2

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : GLYCERINE

CAS NUMBER: 56-81-5

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 12.60 GM/KG ORL RAT

LD50:> 10.00 MG/KG SKN RBT

LC50:> 570.00 MG/M3/1HR IHL RAT

COMMON NAME : MONOAZO RED

CAS NUMBER: 61847-48-1

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50:>2000.00 MG/KG ORL RAT

COMMON NAME : LECITHIN

CAS NUMBER: 8002-43-5

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : QUINACRIDONE RED

CAS NUMBER: 980-26-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

SECTION 11: TOXICOLOGICAL INFORMATION

SUPPLEMENTAL HEALTH INFORMATION

NO ADDITIONAL EFFECTS ARE ANTICIPATED
OTHER EFFECTS OF OVEREXPOSURE MAY INCLUDE TOXICITY TO LIVER,
KIDNEY.

CARCINOGENICITY

INHALATION OF NON-ASBESTIFORM COSMETIC GRADE TALC FOR
2 YEARS AT 6 AND 18 MG/M3 PRODUCED CLEAR EVIDENCE OF
CARCINOGENICITY IN FEMALE RATS (LUNG AND ADRENAL TUMORS) AND
SOME EVIDENCE OF CARCINOGENICITY IN MALE RATS (ADRENAL
TUMORS). NO EVIDENCE OF CARCINOGENICITY WAS DEMONSTRATED IN
MALE AND FEMALE MICE EXPOSED UNDER THE SAME CONDITIONS.
MICROSCOPIC EXAMINATION OF THE LUNGS OF RATS AND MICE
EXPOSED TO TALC REVEALED ADDITIONAL EXPOSURE RELATED EFFECTS
PRIMARILY ASSOCIATED WITH THE INFLAMMATORY RESPONSE.
NOTICE: IN A 2 YEAR STUDY CONDUCTED BY THE NATIONAL
TOXICOLOGY PROGRAM (NTP), THERE WAS CLEAR EVIDENCE OF
CARCINOGENIC ACTIVITY IN MALE AND FEMALE MICE DERMALLY
EXPOSED TO DIETHANOLAMINE BASED ON DEVELOPMENT OF LIVER
AND KIDNEY TUMORS. THERE WAS NO EVIDENCE OF CARCINOGENICITY
IN EITHER MALE OR FEMALE RATS. THE RELEVANCE OF THIS STUDY
TO HUMANS IS NOT KNOWN.

REPRODUCTIVE EFFECTS

NO REPRODUCTIVE EFFECTS ARE ANTICIPATED

MUTAGENICITY

NO MUTAGENIC EFFECTS ARE ANTICIPATED

TERATOGENICITY

SOME LABORATORY TEST RESULTS HAVE SHOWN ETHYLENE GLYCOL TO
BE AN ANIMAL TERATOGEN.

SECTION 12: ECOLOGICAL INFORMATION

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS
PRODUCT AS A WHOLE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
 AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT PAINT ** PROTECT FROM FREEZING **

IMDG NOT AVAILABLE

IATA NOT AVAILABLE

TDG NOT AVAILABLE

SECTION 15: REGULATORY INFORMATION

		SARA 302	SARA 313	CERCLA 302.4	HAZ AIR POLLUTANT	MARINE POLTNT
CAS NUMBER:	107-21-1	NO	YES	YES	YES	NO
COMMON NAME :	ETHYLENE GLYCOL					
CAS NUMBER:	111-42-2	NO	YES	NO	YES	NO
COMMON NAME :	DIETHANOLAMINE					
CAS NUMBER:	127087-87-0	NO	YES	NO	YES	NO
COMMON NAME :	GLYCOL ETHER					

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS
PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING)
ON THE TSCA INVENTORY.
THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE
HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS)
AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE
CPR.

SECTION 16: OTHER INFORMATION

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE AT THE TIME OF PREPARATION OF THIS DATA SHEET AND WHICH ICI PAINTS BELIEVES TO BE RELIABLE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA. ICI PAINTS SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS INFORMATION, OR OF ANY PRODUCT, METHOD OR APPARATUS MENTIONED AND YOU MUST MAKE YOUR OWN DETERMINATION OF ITS SUITABILITY AND COMPLETENESS FOR YOUR OWN USE, FOR THE PROTECTION OF THE ENVIRONMENT, AND THE HEALTH AND SAFETY OF YOUR EMPLOYEES AND USERS OF THIS MATERIAL. COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200.